

SUBMITTAL DATA – INDOOR UNIT VMDB018H4-2P

VRF HEAT PUMP & HEAT RECOVERY

Job:	Engineer:
Location:	Architect:
Schedule No.:	Date:
System Designation:	For: □Reference □Approval □Review □Construction
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Medium Static Ducted Indoor Unit

FEATURES

- Pre Heat Function
- · Auto Addressing
- Auto Restart
- Integral Condensate Pump
- Electronic Expansion Valve
- ECM Motor

- Flare Connections
- LED Display
- Foldable Return Air Filter
- Refrigerant R-410A
- Nine capacity sizes from 7,000 to 48,000 Btu/h

PERFORMANCE Cooling Capacity¹ (Btu/h) 18,000 Heating Capacity¹ (Btu/h) 21,000 Airflow (CFM) High 670 Medium 540 Low 480 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High 38.6 Medium 33.6 Low 31.9 ELECTRICAL DATA Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 70 Cooling Rated current (A) 1.0 Heating Power Input² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 100					
Cooling Capacity¹ (Btu/h) 18,000 Heating Capacity¹ (Btu/h) 21,000 Airflow (CFM) High Medium 540 Low 480 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium 33.6 Low 31.9 ELECTRICAL DATA Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 70 Cooling Rated current (A) 1.0 Heating Power Input² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	SPECIFICATIONS				
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Medium Low 540 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium High Medium High High Medium High High High High High High High High	Heating Capacity ¹ (Btu/h)		21,000		
Low 480 External Static Pressure (in. WC) 0.60 Sound Pressure (dBA) High Medium High High Medium How Medium Low Medium Medium Low Medium Lo	Airflow (CFM)	High	670		
External Static Pressure (in. WC) Sound Pressure (dBA) Medium Low 33.6 Low BLECTRICAL DATA Power Supply (V/Hz/Φ) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input² (W) Cooling Rated current (A) Heating Power Input² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width 48-1/2 Depth Condensate drain connection (in) S/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb)		Medium	540		
Sound Pressure (dBA) High Medium Low 38.6 Medium Low 31.9 ELECTRICAL DATA 208-230/60/1 Power Supply (V/Hz/Φ) 208-230/60/1 Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input² (W) 70 Cooling Rated current (A) 1.0 Heating Power Input² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Width 48-1/2 Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth Depth 27-15/16 Liquid Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115		Low	480		
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ELECTRICAL DATA Power Supply (V/Hz/Φ) Minimum circuit ampacity (MCA) Max. Overcurrent Protection (MOCP) Cooling Power Input² (W) Cooling Rated current (A) Heating Power Input² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Liquid Pipe Connection (in) Gas Pipe Connection (in) Condensate drain connection (in) 1.0 208-230/60/1 3.13 A.13 A.12 Depth Province Translation And Translation		Medium	33.6		
Power Supply (V/Hz/Φ)208-230/60/1Minimum circuit ampacity (MCA)3.13Max. Overcurrent Protection (MOCP)15Cooling Power Input² (W)70Cooling Rated current (A)1.0Heating Power Input² (W)65Heating Rated current (A)1.0Indoor Fan Motor Input (W)185DIMENSIONSWidthUnit Dimensions (in)Height Width Depth10-5/8Liquid Pipe Connection (in)3/8Gas Pipe Connection (in)5/8Condensate drain connection (in)3/4Unit Shipping Weight (Ib)115		Low	31.9		
Minimum circuit ampacity (MCA) 3.13 Max. Overcurrent Protection (MOCP) 15 Cooling Power Input ² (W) 70 Cooling Rated current (A) 1.0 Heating Power Input ² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Unit Dimensions (in) Height 10-5/8 Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	ELECTRICAL DATA				
Max. Overcurrent Protection (MOCP) Cooling Power Input ² (W) Cooling Rated current (A) Heating Power Input ² (W) Heating Rated current (A) Indoor Fan Motor Input (W) DIMENSIONS Unit Dimensions (in) Height Width 48-1/2 Depth Liquid Pipe Connection (in) Gas Pipe Connection (in) Condensate drain connection (in) Unit Shipping Weight (Ib)	Power Supply (V/Hz/Φ)	208-230/60/1			
Cooling Power Input² (W) 70 Cooling Rated current (A) 1.0 Heating Power Input² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Width Unit Dimensions (in) Height Width Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Minimum circuit ampacity (3.13			
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Heating Power Input² (W) 65 Heating Rated current (A) 1.0 Indoor Fan Motor Input (W) 185 DIMENSIONS Width Unit Dimensions (in) Height Midth Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (Ib) 115	Cooling Power Input ² (W)		70		
Heating Rated current (A) 1.0	Cooling Rated current (A)		1.0		
Indoor Fan Motor Input (W)	Heating Power Input ² (W)		65		
DIMENSIONS Unit Dimensions (in) Height Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Heating Rated current (A)		1.0		
Unit Dimensions (in) Height Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Indoor Fan Motor Input (W))	185		
Width 48-1/2 Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	DIMENSIONS				
Depth 27-15/16 Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Unit Dimensions (in)	Height	10-5/8		
Liquid Pipe Connection (in) 3/8 Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115		Width	48-1/2		
Gas Pipe Connection (in) 5/8 Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115		Depth	27-15/16		
Condensate drain connection (in) 3/4 Unit Shipping Weight (lb) 115	Liquid Pipe Connection (in)		3/8		
Unit Shipping Weight (lb) 115	Gas Pipe Connection (in)		5/8		
• · · · · · · · · · · · · · · · · · · ·	Condensate drain connection	n (in)	3/4		
Unit Net Weight (lb) 100	Unit Shipping Weight (lb)		115		
	Unit Net Weight (lb)		100		



OPTIONAL ACCESSORIES	
□Non-Programmable Controller	V0STAT54P
□Programmable Controller	V0STAT51P
☐Infrared Wireless Controller	V0STAT52P-1
□Infrared Sensor	V0SNSR78P-1
☐Remote Sensor	V0SNSR00P-1
☐HHE Relay Kit	V0CTRL92P-1
☐Hotel Keycard Interface	V0CTRL88P-1

NOTES

- Cooling and Heating capacity data is rated at the following conditions:
 Cooling: 80°FDB / 67°FWB Indoor, 95°FDB Outdoor Heating: 70°FDB Indoor, 47°FDB / 43°FWB Outdoor
- 2. Power Input values are rated at high fan speed.



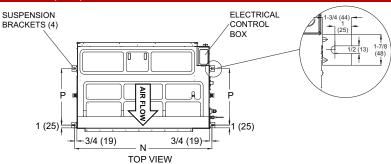


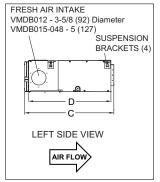


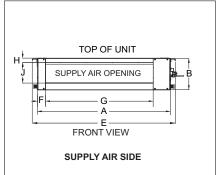
SUBMITTAL DATA - INDOOR UNIT VMDB018H4-2P

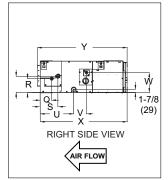
VRF HEAT PUMP & HEAT RECOVERY

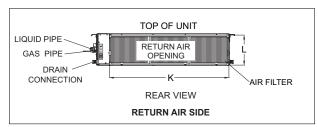
DIMENSIONAL DRAWINGS - INCHES (MM)

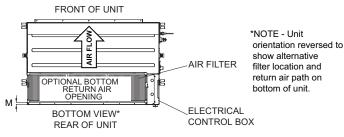












Sizo	Α		В		С		D		E		F		G		Н		J	
Size	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
018	44-7/8	1140	10-5/8	270	30-1/2	775	28	711	48-1/2	1232	2-5/8	67	36-3/4	933	1-3/8	35	7	178

Size	K		L		M		N		Р		Q		R		S		Т		U	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
018	40-3/4	1035	10-1/4	260	3/4	18	46-3/4	1188	19-1/4	490	3-7/8	99	4-5/8	117	6	152	5-1/2	140	11-3/8	289

Size	V	'	W		X		Υ		
	in.	mm	in.	mm	in.	mm	in.	mm	
018	4-1/4	108	6-3/4	171	29-3/8	746	30-1/4	768	